PUBLIC WORKS AND ELECTRICITY SECRETARIAT

Approves the proposals of the Chief Engineer (General) in Mysore for adopting the Standard Type Designs for the construction of quarters for Class III and IV officials of the New State of Mysore.

READ—

Correspondence ending with letter No. 72/R/359-60, dated the 22nd April 1959 from the Chief Engineer (General), Bangalore forwarding for the approval of Government four Type Designs for quarters for Class III and Class IV officials in the New State.

ORDER No. PWD 38 OFQ 58, DATED BANGALORE, THE 27TH APRIL 1959 (VAISHAKHA 7, SAKA ERA 1881).

The Chief Engineer (General) has submitted four Type Designs for Quarters for Class III and Class IV officials as detailed under:

	Average per month	Plinth area in Sq. feet	Approximate cost of structure at Rs. 10/S.ft. of plinth area
	Rs.	S.ft.	Rs.
For Class III			
I. For salary range Rs. 40 to Rs. 100 per month.	80	700	7,000
II. For salary range Rs. 101 to Rs. 200 per month.	150	775	7,750
III For salary range Rs. 201 to Rs. 300 per month.	250	1,087	11,000
Class IV Officials.			
For salary range Rs. 25 to Rs. 40 ...	32·50	400	4,000

The Type Designs are approved and appended hereto.

By Order and in the name of the Governor of Mysore,

V. SHANKARAPPA,
Under Secretary to Government,
Public Works and Electrical Department.

Printed by the Director of Printing, Stationery and Publications at the Govt. Press, Bangalore.

SPECIFICATION

1. FOUNDATION: (A) 12" thick C. C. 1 : 4. 8 with 1½" size jelly laid in layers of 4" thick and well consolidated. (B) Rough dressed size stone or uncoursed rubble masonry in C. M. (1 : 6) or lime mortar (1 : 2) for foundation. (C) Size stone masonry with quoins chissel drafted to a width of 1" or coursed rubble masonry 2nd sort in C. M. (1 : 8) including pointing with cement mortar (1 : 3) to all joints of basement. (D) Cement concrete (1 : 2 : 4) with ¾" to 1" size jelly for plinth slab of 4" thick or B. S. slab of 6" thick depending on the locality or rough dressed stone slab plinth course of 4½" thick.

2. SUPERSTRUCTURE: 13½" thick B. B. in cement mortar (1 : 8) or L. M. (1 : 2), alternatively size stone masonry or coursed rubble masonry 2nd sort of 15" thick with cement mortar 1 : 8 may be provided.

3. DOORS AND WINDOWS: Matti or any other good type of Jungle wood 3"×4" frame and 1¼" thick T. W. fully panelled shutters with all iron fittings and 2 coats of approved painting teak wood frames may be adopted wherever teak wood is available, windows may be half glazed and half panelled, windows shall have 3" thick C. C. sill or 2" thick shahabad stone sill projecting 2" beyond the outer edge of the wall. The C. C. sill shall not project beyond the inner edge but stone sill shall project beyond the inner edge by the thickness of plaster.

4. LINTELS: R. C. C. 1 : 2 : 4 lintels 6" thick with necessary reinforcement up to 1% or B. S. slab lintel of 6" thick where chajja is not required.

5. CHAJJA: R. C. C. 1 : 2 : 4 chajja with necessary reinforcement up to 1% with 3'-0" projection and having thickness 2" at the outer edge and 3" at fixed end.

6. ROOFING: Roofing with R. C. C. 1 : 2 : 4 slab of 5" thick with necessary reinforcement. Weather proof course not less than 3" thick consisting of brick and lime kappi 1 : 3 (slaked lime) two courses of flat tiles laid in mortar with lime mortar plastering ½" thick.

7. PLASTERING: Plastering with L. M. (1 : 2) with lime slurry spread and rendered smooth where good bricks are available and where the superstructure is of stone masonry, only the inside face shall be plastered and the outer face shall be pointed. When good bricks are not available, both the faces shall be plastered.

8. FLOORING: Flooring with C. C. (1 : 2 : 4) of 1½" thick over a bed of lime concrete 4" thick and the surface shall be finished with a coat of ½" thick 1 : 3 C. plaster and fine finished with red oxide or red ochre, or shahabad stone slabs flooring on a bed of cement concrete 1 : 5 : 10 etc., depending on the locality.

REFERENCE

D1 - DOORS - 3'0"×6'6"
D2 - " - 2'6"×6'6"
D3 - " - 2'0"×6'6"
W - WINDOW - 3'6"×3'6"
V - VENTILATOR - 2'6"×1'6"
C - CUP BOARDS - 2'6"×4'0"

PLINTH AREA - 700 SFT (SINGLE)

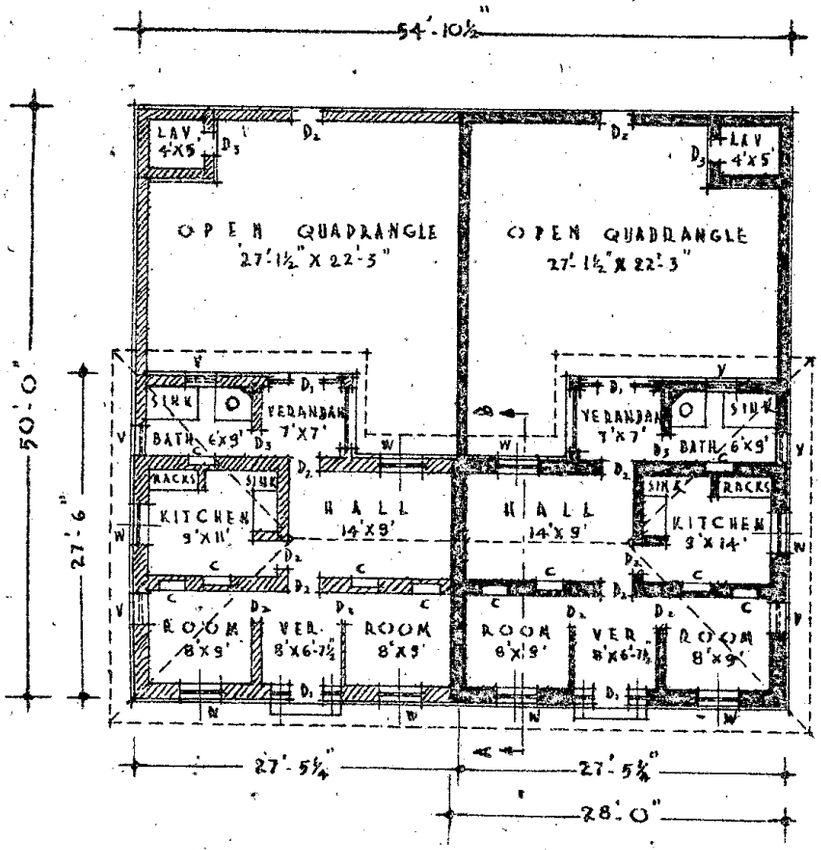
TYPE DESIGN FOR
OFFICIAL'S QUARTER'S
AT
CLASS III GROUP 1 SALARY RS. 40/- RS. 100/- P.M.
SCALE: 16 FEET TO AN INCH
DRAWN BY K. SANATH KUMAR

K. V. Asoathiah
ASST. ARCHITECT

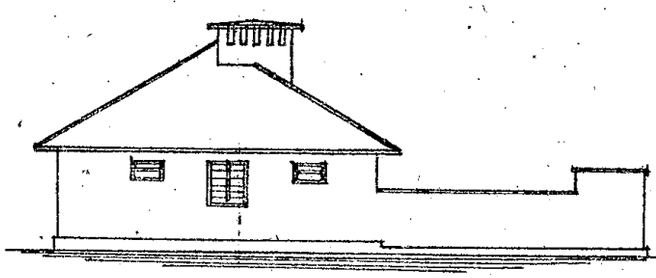
B. K. Manickam 30-6-59
GOVT. ARCHITECT

CHIEF ENGINEER (GEN) 2.7.59

PZ6 GOVT. PRESS, BANGALORE.



PLAN



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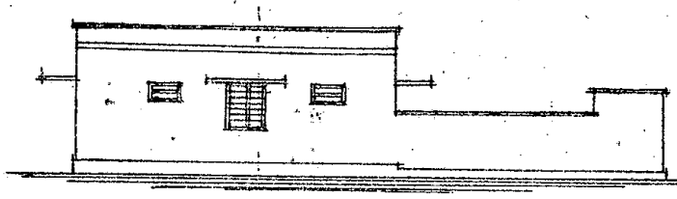
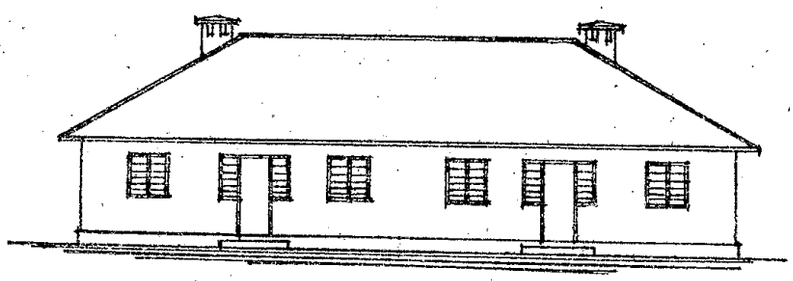


SIDE ELEVATION (TERRACED)



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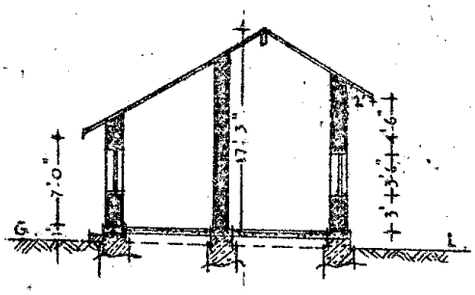
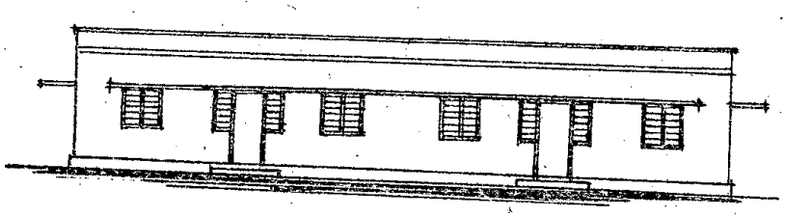


SECTION ON A-B (TILED)



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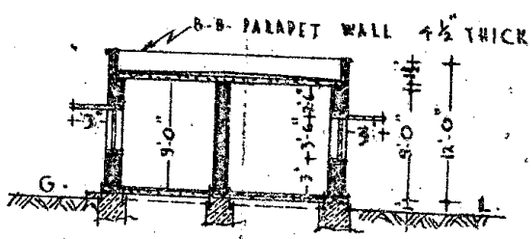


SECTION ON A-B (TERRACED)

SPECIFICATION

483

1. FOUNDATION: (A) 12" thick C. C. 1 : 4 : 8 with 1½" size jelly laid in layers of 4" thick and well consolidated. (B) Rough dressed size stone or uncoursed rubble masonry in C. M. (1 : 6) or lime mortar (1 : 2) for foundation. (C) Size stone masonry with quoins chissel drafted to a width of 1" or coursed rubble masonry 2nd sort in C. M. (1 : 8) including pointing with cement mortar (1 : 3) to all joints of basement. (D) Cement concrete (1 : 2 : 4) with ⅜" to 1" size jelly for plinth slab of 4" thick or B. S. slab of 6" thick depending on the locality or rough dressed stone slab plinth course of 4½" thick.

2. SUPERSTRUCTURE: 13½" thick B. B. in cement mortar (1 : 8) or L. M. (1 : 2), alternatively size stone masonry or coursed rubble masonry 2nd sort of 15" thick with cement mortar 1 : 8 may be provided.

3. DOORS AND WINDOWS: Matti or any other good type of Jungle wood 3"×4" frame and 1½" thick T. W. fully panelled shutters with all iron fittings and 2 coats of approved painting teak wood frames may be adopted wherever teak wood is available, windows may be half glazed and half panelled, windows shall have 3" thick C. C. sill or 2" thick shahabad stone sill projecting 2" beyond the outer edge of the wall. The C. C. sill shall not project beyond the inner edge but stone sill shall project beyond the inner edge by the thickness of plaster.

4. LINTELS: R. C. C. 1 : 2 : 4 lintels 6" thick with necessary reinforcement up to 1% or B. S. slab lintel of 6" thick where chajja is not required.

5. CHAJJA: R. C. C. 1 : 2 : 4 chajja with necessary reinforcement up to 1% with 3'-0" projection and having thickness 2" at the outer edge and 3" at fixed end.

6. ROOFING: Roofing with R. C. C. 1 : 2 : 4 slab of 5" thick with necessary reinforcement. Weather proof course not less than 3" thick consisting of brick and lime kappi 1 : 3 (slaked lime) two course of flat tiles laid in mortar with lime mortar plastering ½" thick.

7. PLASTERING: Plastering with L. M. (1 : 2) with lime slurry spread and rendered smooth where good bricks are available and where the superstructure is of stone masonry, only the inside face shall be plastered and the outer face shall be pointed. When good bricks are not available, both the faces shall be plastered.

8. FLOORING: Flooring with C. C. (1 : 2 : 4) of 1½" thick over a bed of lime concrete 4" thick and the surface shall be finished with a coat of ½" thick 1 : 3 C. plaster and fine finished with red oxide or red ochre, or shahabad stone slabs flooring on a bed of cement concrete 1 : 5 : 10 etc., depending on the locality.

LEGEND	
D DOOR	8-6×6-9
D_1 DOOR	2-6×6-9
D_2 DOOR	3-0×6-9
D_3 DOOR	3-0×6-9
W WINDOW	2-0×1-7
W_1 WINDOW	3-0×1-6
W_2 WINDOW	3-0×4-7
W_3 WINDOW	4-6×4-7
C.B. CUP BOARD	3-0×5-1

TYPE DESIGN

OFFICIALS QUARTERS

CLASS III GROUP II

SALARY Rs 101/- TO Rs 200/- P.M.

SCALE 1-16-0

DRAWN BY S.D.H.SAGAR

TRACED BY C.GOPAL

DR No. 2195/c.

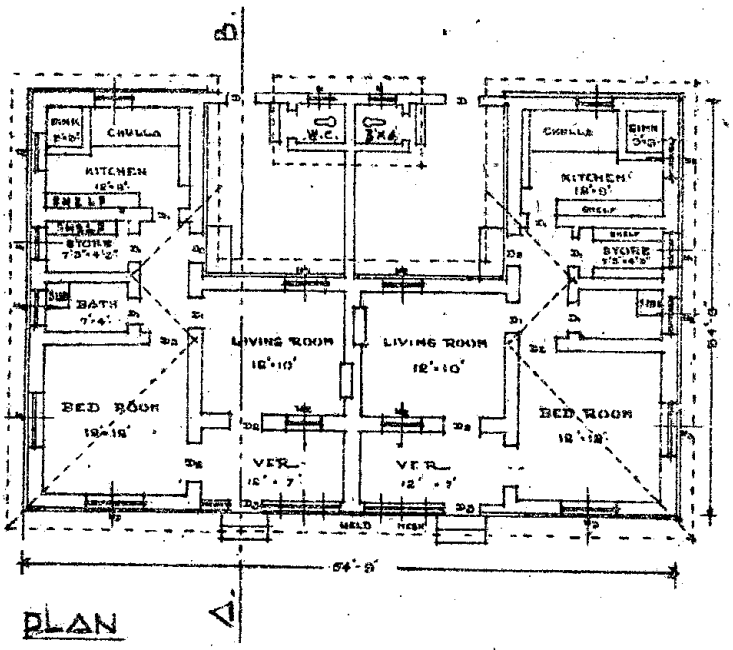
ASSISTANT ARCHITECT

23.5.59

GOVERNMENT ARCHITECT

CHIEF ENGINEER

PZS GOVT. PRESS, BANGALORE.



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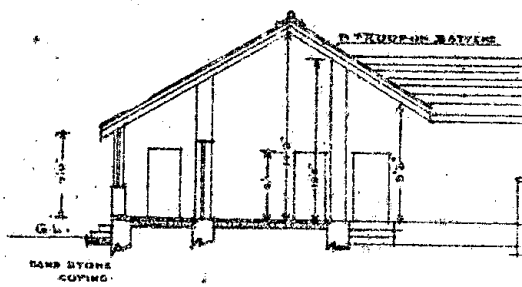

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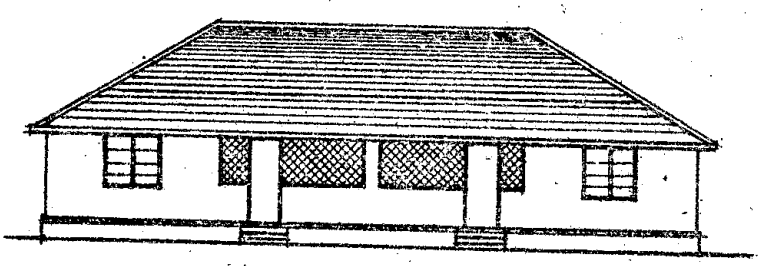

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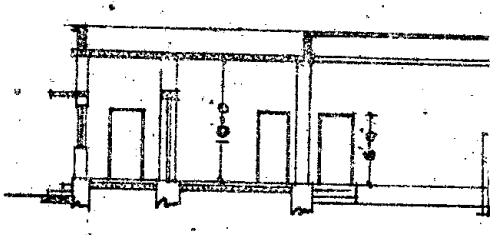

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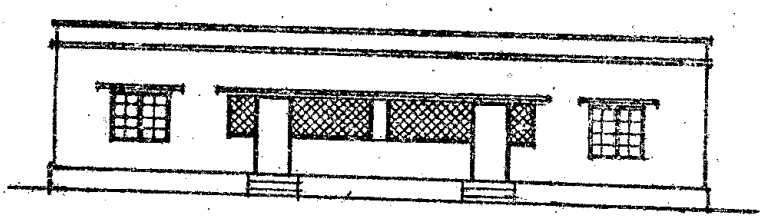

FRONT ELEVATION (TERRACED)

SPECIFICATION

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3. DOORS AND WINDOWS: Matti or any other good type of jungle wood 3"×4" frame and 1¼" thick T. W. fully panelled shutters with all iron fittings and 2 coats of approved painting teak wood frames may be adopted wherever teak wood is available; windows may be half glazed and half panelled, windows shall have 3" thick C. C. sill or 2" thick shahabad stone sill projecting 2" beyond the outer edge of the wall. The C. C. sill shall not project beyond the inner edge but stone sill shall project beyond the inner edge by the thickness of plaster.

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7. PLASTERING: Plastering with L. M. (1 : 2) with lime slurry spread and rendered smooth where good bricks are available and where the superstructure is of stone masonry, only the inside face shall be plastered and the outer face shall be pointed. When good bricks are not available, both the faces shall be plastered.

8. FLOORING: Flooring with C. C. (1 : 2 : 4) of 1½" thick over a bed of lime concrete 4" thick and the surface shall be finished with a coat of ½" thick 1 : 3 C. plaster and fine finished with red oxide or red ochre, or shahabad stone slabs flooring on a bed of cement concrete 1 : 5 : 10 etc., depending on the locality.

LEGEND	
D, DOOR	3'-0" × 6'-6" + 1'-6"
D_1 DOOR	2'-6" × 6'-6"
D_2 DOOR	3'-6" × 6'-6"
D_3 DOOR	3'-6" × 6'-6" + 1'-6"
W WINDOW	5'-0" × 3'-6" + 1'-6"
W_1 WINDOW	4'-0" × 3'-6" + 1'-6"
W_2 WINDOW	3'-0" × 3'-6" + 1'-6"
V VENTILATOR	3'-0" × 2'-0"
V_1 VENTILATOR	2'-0" × 2'-0"
A ALMIRAH	3'-0" × 6'-0"

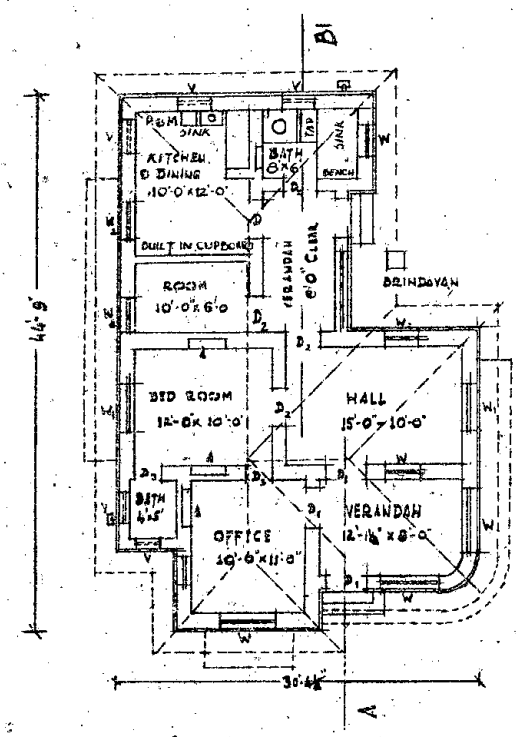
TYPE DESIGN FOR
OFFICIAL'S QUARTERS
CLASS III GROUP III
SALARY Rs 201/- TO Rs 300/- P.M.
SCALE 1"=16'-0"

DRAWN BY C.N.V
TRACED BY H.S.S

DR No 2135/D.

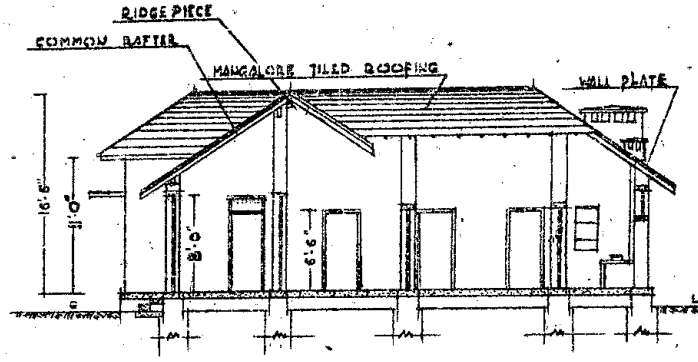
Kv. Aswathiah	B. Ramachandra 23.5.1959	[illegible] 27/5/59
ASST ARCHITECT.	GOVT. ARCHITECT.	CHIEF ENGINEER.

PZ8 GOVT. PRESS, BANGALORE.



PLAN

PLINTH AREA - 1087 SFT



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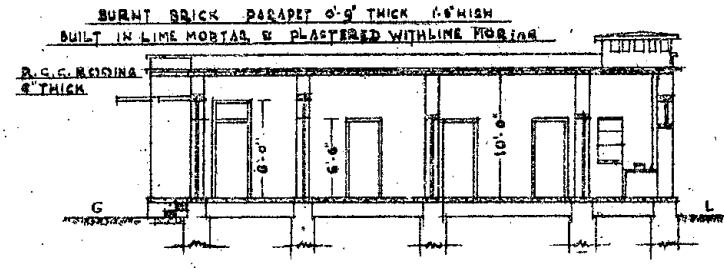

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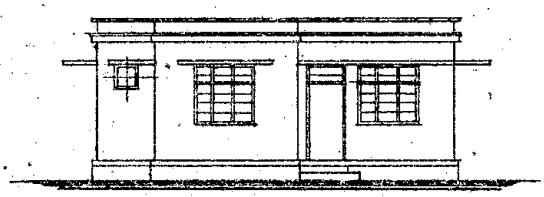

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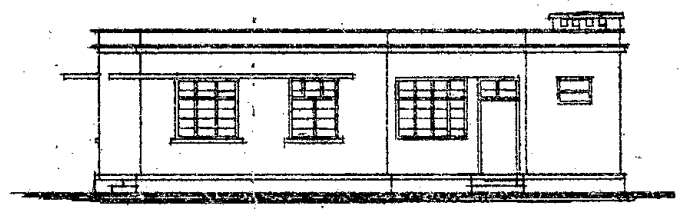
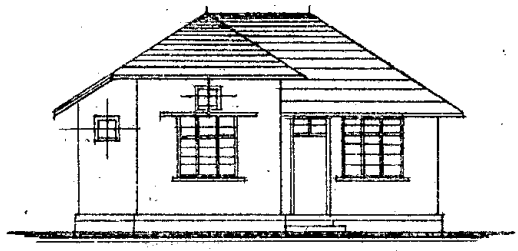


SIDE ELEVATION



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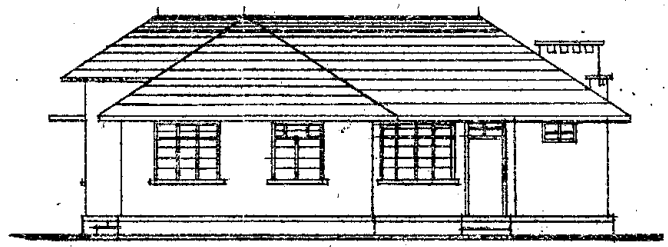

SIDE ELEVATION

SPECIFICATION

485

1. FOUNDATION: (A) 12" thick C. C. 1 : 4 . 8 with 1½" size jelly laid in layers of 4" thick and well consolidated. (B) Rough dressed size stone or uncoursed rubble masonry in C. M. (1 : 6) or lime mortar (1 : 2) for foundation. (C) Size stone masonry with quoins chissel drafted to a width of 1" or coursed rubble masonry 2nd sort in C. M. (1 : 8) including pointing with cement mortar (1 : 3) to all joints of basement. (D) Cement concrete (1 : 2 : 4) with ¾" to 1" size jelly for plinth slab of 4" thick or B. S. slab, of 6" thick depending on the locality or rough dressed stone slab plinth course of 4½" thick.

2. SUPERSTRUCTURE: 13½" thick B. B. in cement mortar (1 : 8) or L. M. (1 : 2), alternatively size stone masonry or coursed rubble masonry 2nd sort of 15" thick with cement mortar 1 : 8 may be provided.

3. DOORS AND WINDOWS: Matti or any other good type of Jungle wood 3"×4" frame and 1½" thick T. W. fully panelled shutters with all iron fittings and 2 coats of approved painting teak wood frames may be adopted wherever teak wood is available, windows may be half glazed and half panelled, windows shall have 3" thick C. C. sill or 2" thick shahabad stone sill projecting 2" beyond the outer edge of the wall. The C. C. sill shall not project beyond the inner edge but stone sill shall project beyond the inner edge by the thickness of plaster.

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LEGEND		TYPE DESIGN
D	DOOR 3-0×5-6	OFFICALS QUARTERS
D_2	DOOR 2-6×6-6	CLASS IV SALARY Rs 25/- TO Rs 40/- P.M.
W	WINDOW 2-6×3-6	SCALE 1=16-0"
V	VENTILATOR 2-6×1-6	DRWN BY V.K.
Δ	ALMIRAH 3-0×5-0	TRACED BY C.N.V.
PLINTH AREA 400 SFT (EACH)		DR No 2195/A

ASSISTANT ARCHITECT	GOVERNMENT ARCHITECT	CHIEF ENGINEER
K. V. Ananthan	23/1/1959	

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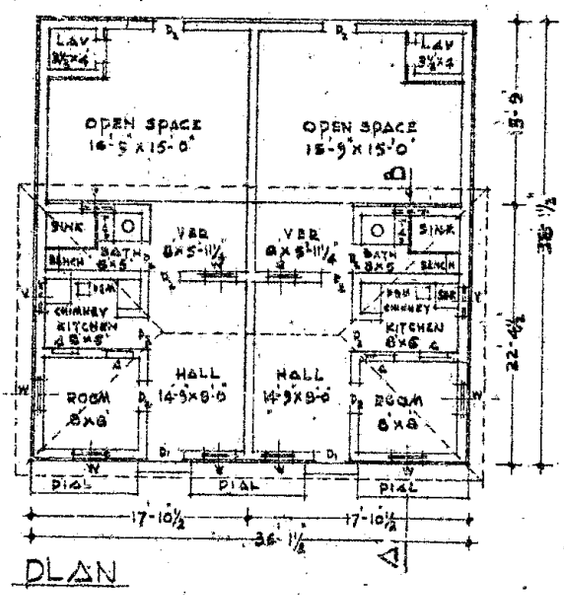
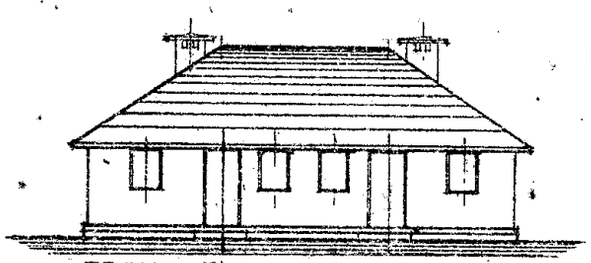
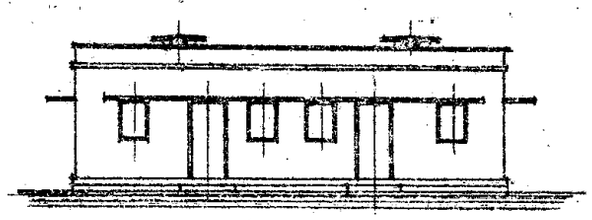


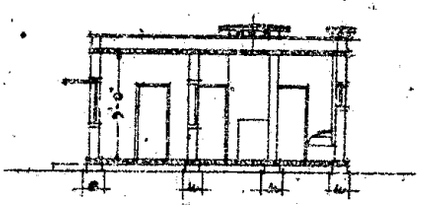
PLAN



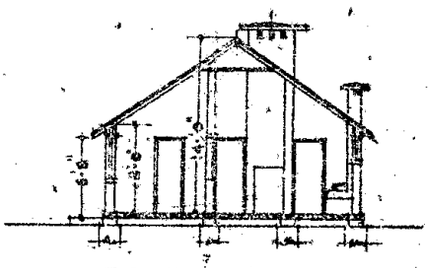
FRONT ELEVATION (TILED)



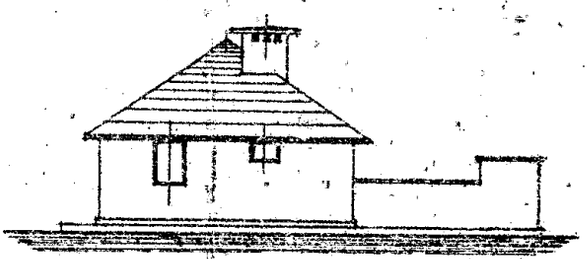
FRONT ELEVATION (TERRACED)



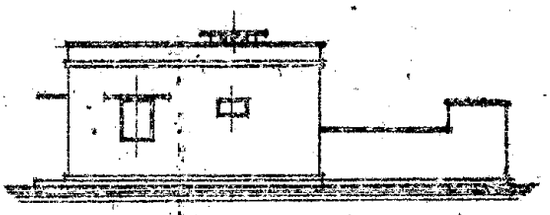
SECTION ON A.B
(TERRACED)



SECTION ON A.B.
(TILED)



SIDE ELEVATION (TILED)



SIDE ELEVATION (TERRACED)